

CLAIMS

1. Reclining armchair, fitted with a support leg either height-adjustable or not, a seat base, a backrest and means of tilting to take a relaxation position, characterised by having a first body (5) joined to the leg (4) with two sides (7, 8) parallel with each other, each of which parallel sides (7, 8) has at least two slots (11, 12) in it, crossed by two shafts (15, 16) these slots (11, 12) not being parallel with each other; a second body (6) joined to the seat (3) and backrest (2) of the armchair (1), also with two sides (9, 10), parallel with each other and in respect of the parallel sides (7, 8) of the first body, each of said parallel sides of said second body (9, 10) having at least two slots (13, 14) not parallel with each other; and a shaft crossing each pair of slots; so that the articulation movement of the seat in respect of the base simultaneously provides a displacement of the geometrical centre of said base for maintaining the seat's centre of gravity with the person in a centred position.

2. Reclining armchair, according to claim 1, characterised in that at least the slots forming a pair (11, 13 or 12, 14) are fitted with a rack (18, 19) associated with the shaft (15 or 16) and to the other rack (19, 18) by means of a pinion (17) securely joined to said shaft (16) and engaged on said racks (18, 19) determining the position of the shaft (16) fitted with the pinion (17), the relative position of displacement and rotation of the slots with each other and consequently of the seat (3) in respect of the leg (4).

3. Reclining chair, according to claims 1 and 2, characterised in that the two pairs of slots are fitted with the corresponding rack and linked by a shaft fitted with the corresponding pinion.

4. Reclining armchair, according to claim 1, characterised in that it has a footrest, height-adjustable or not securely joined to it.

5. Reclining armchair, according to claim 1, characterised in that it has height-adjustable armrests.

6. Reclining armchair, according to claim 1 or 5, characterised in that it has a support tray between the armrests for work or leisure items such as computer accessories.

7. Reclining armchair, according to claim 6, characterised in that the support tray for work or leisure items is fitted with anti-slip securing means, and/or an edge for preventing objects from falling when in the tilted position.

8. Reclining armchair, according to claims 6 or 7, characterised in that the support tray is movable by lateral articulation or simply by removing it.

9. Reclining armchair, according to claim 1 or 2, characterised in that it has a lever for operating the reclining movement.

10. Reclining armchair, according to claims 1 or 2, characterised in that the movement is powered by means of an electric motor.

5 11. Reclining armchair, according to claims 1 or 2, characterised in that the moving shafts (15, 16) are kept at a fixed distance, by means of at least one rod or shaft connecting them.